

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

PCT

(10) International Publication Number
WO 2005/077811 A2

(51) International Patent Classification⁷: **B67D 1/00**

(21) International Application Number:
PCT/EP2005/001541

(22) International Filing Date: 11 February 2005 (11.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
04075524.1 18 February 2004 (18.02.2004) EP
04076206.4 21 April 2004 (21.04.2004) EP

(71) Applicant (for all designated States except US): MDS
GLOBAL HOLDING LTD. [MT/MT]; 5/1 Merchants
Street, Valetta VLT 10, Malta (MT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): EVERS, Lucas,

Alphonsus, Maria [NL/NL]; 106, Verlengde Slotlaan,
NL-3707 CL Zeist (NL). STERNGOLD, Edouard
[BE/BE]; 45, Van Eycklei, B-2018 Antwerpen (BE).

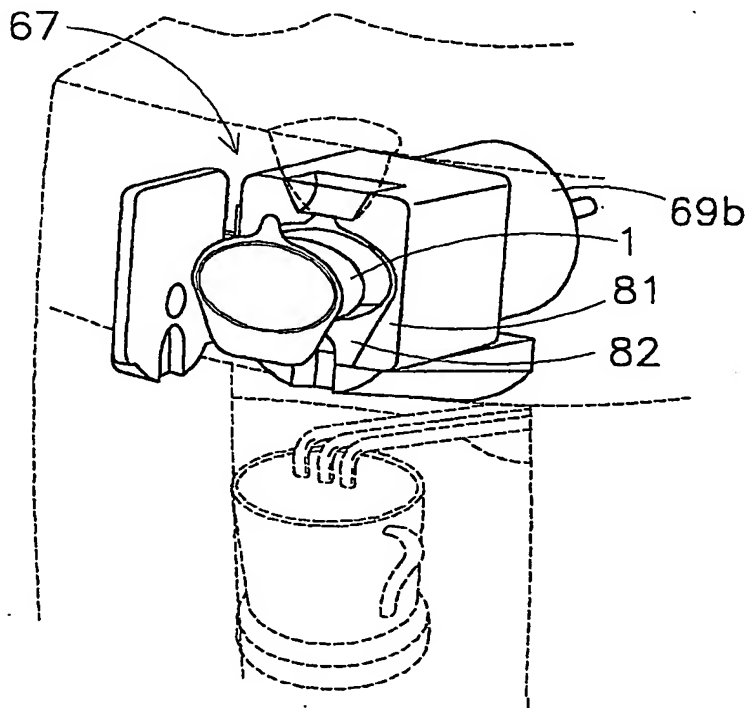
(74) Agent: HOUBEN, C.W.H.F.; Exter Polak & charlouis
B.V., P.O.Box 3241, NL-2280 Ge Rijswijk (NL).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: DISPENSING OF A SUBSTANCE



(57) Abstract: The invention proposes to dispense a substance from a container filled with a single portion of a substance. The container comprises a preformed deformable body, preferably made of sheet material, defining a filling cavity which body has an opening and an integral planar circumferential rim surrounding said opening, which opening is closed by a cover sheet which is sealed to the circumferential rim by means of a circumferential sealing seam. The container with the substance is opened by making use of the deformability of the cover sheet. A support surface supports the cover sheet except at the position of a recess. The recess is positioned at least over a part of the circumferential sealing seam. Upon compression of the container body the substance is pressurized and the cover sheet bulges out into the recess such that the sealing seam is broken at the location where the bulge is formed resulting in the container being open.



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

- *without international search report and to be republished upon receipt of that report*